

AP15 Rec'd PCT/PTO 12 APR 2006

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Brian Springthorpe et al.                      Art Unit : Unknown  
Serial No. : To Be Assigned                                      Examiner : Unknown  
Filed : Herewith  
Title : BINDING ASSAY WITH LABELLED BISPIDINE VARIANT

**MAIL STOP PCT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Applicants request consideration of the references listed on the attached PTO-1449 form. Under 37 C.F.R. § 1.98 (a)(2)(ii), only copies of foreign patent documents and/or non-patent literature are enclosed. Copies of any listed U.S. patents or U.S. patent application publications can be provided upon request. A copy of a communication from a foreign patent office in a counterpart application is also enclosed.

This statement is being filed with the application. Please apply any charges or credits to Deposit Account No. 06-1050, referencing Attorney Docket No. 06275-504US1.

Respectfully submitted,

Date: \_\_\_\_\_

April 12, 2006

Catherine M. McCauley Reg. No. 54,301  
Janis K. Fraser, Ph.D., J.D.  
Reg. No. 34,819

Fish & Richardson P.C.  
225 Franklin Street  
Boston, MA 02110  
Telephone: (617) 542-5070  
Facsimile: (617) 542-8906

21296789.doc

CERTIFICATE OF MAILING BY EXPRESS MAIL

Express Mail Label No. EV 664069268 US

April 12, 2006  
Date of Deposit

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 06275-504US1	Application No. <b>10/575523</b>
<b>Information Disclosure Statement by Applicant</b> (Use several sheets if necessary)  (37 CFR §1.98(b))		Applicant Brian Springthorpe et al.	
		Filing Date Herewith	Group Art Unit

U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA	4,550,112	10/29/1985	Schoen et al.			

Foreign Patent Documents or Published Foreign Patent Applications								
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
	AB	DE 2428792 A1	01/02/1976	Germany			English language abstract attached	
	AC	DE 3730224 A1	03/23/1989	Germany			English language abstract attached	
	AD	EP 0308843 B1	03/29/1989	Europe			English language abstract attached	
	AE	WO 02/04446 A1	01/17/2002	WIPO				
	AF	WO 02/05860 A1	01/24/2002	WIPO				
	AG	WO 03/006988 A1	01/23/2003	WIPO				
	AH	WO 03/021271 A2	03/13/2003	WIPO				

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
	AI	Berge et al., "Pharmaceutical Salts", <i>J. Pharm. Sci.</i> 66:1-19 (1977)
	AJ	Chadwick et al., "Identification of a Specific Radioligand for the Cardiac Rapidly Activating Delayed Rectifier K <sup>+</sup> Channel", <i>Circ Res</i> 72:707-714 (1993)
	AK	Chiavarelli et al., "Synthesis in the 1,5-diphenylbispidin-9-ONE", <i>Il Farmaco Ed. Sc.</i> 20(6):408-421 (1965)
	AL	Finlayson et al., "[ <sup>3</sup> H]Dofetilide binding to HERG transfected membranes: a potential high throughput preclinical screen", <i>Eur. J. Pharmacol.</i> 430:147-148 (2001)
	AM	Kang et al., "High affinity blockade of the HERG cardiac K <sup>+</sup> channel by the neuroleptic pimozide", <i>Eur. J. Pharmacol.</i> 392:137-140 (2000)
	AN	Lanfredi et al., "Iridium (III) <i>cis</i> -Dihydrido Complexes with 3,6-Bis(2'-pyridyl)pyridazine. Crystal Structure of the Pyridazinyl Complex [ $\text{IrH}_2(\text{PPh}_3)_2$ ] { $\mu\text{-C}_4\text{HN}_2(\text{C}_5\text{H}_4\text{N})_2\text{-3,6}$ }]PF <sub>6</sub> ", <i>J. Chem. Soc. Dalton Trans.</i> 651-656 (1988)
	AO	Suessbrich et al., "The inhibitory effect of the antipsychotic drug haloperidol on HERG potassium channels expressed in <i>Xenopus</i> oocytes", <i>British Journal of Pharmacology</i> 120:968-974 (1997)

Examiner Signature /Niloofer Rahmani/	Date Considered 03/06/2008
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 06275-504US1	Application No. <b>10/575523</b>
<b>Information Disclosure Statement by Applicant</b> (Use several sheets if necessary) (37 CFR §1.98(b))		Applicant Brian Springthorpe et al.	
		Filing Date Herewith	Group Art Unit

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
	AP	Vandenberg et al., "HERG K <sup>+</sup> channels: friend and foe", <i>Trends Pharmacol Sci</i> 22(5):240-246 (2001)
	AQ	Wang et al., "Phospholipid Metabolite 1-Palmitoyl-Lysophosphatidylcholine Enhances Human <i>Ether-a-Go-Go</i> -Related Gene (HERG) K <sup>+</sup> Channel Function", <i>Circulation</i> 104:2645-2648 (2001)
	AR	Zhou et al., "HERG Channel Dysfunction in Human Long QT Syndrome", <i>J Biol Chem</i> 273(33):21061-21066 (1998)

Examiner Signature /Niloofar Rahmani/	Date Considered 03/06/2008
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	